

AMENDMENTS TO THE SPECIFICATION

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An audio detector system 11 is shown as a string of detectors 30 mounted on a circle that is coaxial with an axis 18 of the lens 12. The detectors ~~[[39]]~~ 30 are preferably piezo electric, capacitive, semiconductor elements of similar pressure sensitive devices well known in the art.

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registers the address of the closest detector 30A and ignores the signals from the remaining audial detectors ~~[[32]]~~ 30. The registered address is applied to display control circuit 38. The visual display circuit 38 selects the visual data from the corresponding address in the video memory 40 and displays an image of the location on the system monitor 42.

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(i) One connection 63 is to an address register

(i) One connection 63 is to an address register ~~(not shown)~~ (36 in fig. 1) which activates display control circuit 38 (fig. 1) ~~a portion of the CCD~~ to send an image signal stored in video memory 40 representing that portion of the field of view to a video monitor 42.

In practice, visual data is stored in the visual memory 40 at addresses corresponding to the angle \emptyset . The phase detector 51 measures the time period P being the difference in times of arrival of the signal from source S to the first audial detector 50 and detector 52. The value of \emptyset , calculated by the formula, gives the address of the image data for generating a local image to be displayed directly on the monitor 42.

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Fig. 6 shows an embodiment for application in televising a conference. The conferees 62 (seven are shown) are located (seated) at locations around a panoramic camera 64 positioned on a support 65 (e.g., table). Each location has a microphone 66. Each location is viewed through a corresponding section of the lens of camera 64. When the voice of the conferee 62 nearest a particular microphone 66 at the conferee's location is detected by the microphone 66, the voice signal is amplified and transmitted to signal selection controller 70 which conditions the panoramic camera 64 to project the image formed by the corresponding section 68 on the monitor 72. The signal selection controller 70 is shown in phantom in fig. 6 because it is preferably located under the table 65.

In another arrangement, the signal selection means includes an array of buttons (switches) on a console 73. Each switch, when closed, connects a

selected one of the microphones 66 ~~62~~ to a source of power enabling the selected microphone 66 ~~62~~ to convert sound to an electrical signal for transmission to the monitor coincident with selection of the corresponding section of the field of view for viewing on the monitor. In this arrangement, selection of the microscope occurs simultaneously with the selection of the video signal for viewing corresponding to the selected microphone.

In other versions, the system is mountable on a cart or robot and transportable into an otherwise inaccessible environment.